

Avid Technology, Inc.

iNEWS™ MOS Gateway

Version 2.0 Release Notes

This document describes new features, vendor-specific configuration details for iNEWS-MOS integration, a list of known problems and limitations, and references to other iNEWS newsroom computer system documents.

The iNEWS MOS Gateway software is qualified for use on Windows 2000 Professional Service Pack 3 and Windows XP Professional Service Pack 1 operating systems.

The iNEWS MOS Gateway software requires the iNEWS 1.4 or higher server software, with the exception that iNEWS 1.4 does not support MOS item replication. The iNEWS 1.4 and 1.5.1 server software is qualified and supported for use on the SCO 5.0.5 and 5.0.6 and SGI/IRIX 6.5.3 and 6.5.11 operating systems.

A list of qualified MOS devices can be found on the Avid Web site at:
<http://www.avid.com/products/inews/specs.shtml>

Table of Contents

iNEWS Newsroom Computer System Documentation	2
Fixed Problems and Enhancements	2
Replicating MOS objects in iNEWS.....	2
Additional Configuration Options.....	3
Fixed Problems.....	3
Known Problems & Limitations	4
iNEWS Workstation	4
MOS Gateway	4

iNEWS Newsroom Computer System Documentation

- The *MOS Gateway Installation & Operations Manual v2.0* describes the installation process and provides configuration and maintenance information for system administrators.
- The *iNEWS Newsroom Computer System Release Notes* provide installation, administration, and user-level information that may not have been available at the time the other documentation was printed.
- The iNEWS newsroom computer system's online help system gives you quick-reference information about user-level software functions.
- The *Newsroom Computer System Operations Manual v1.3* describes the user workstation and server software functions and provides system configuration information for system administrators.

Fixed Problems and Enhancements

Replicating MOS objects in iNEWS

- MOS Gateway 2.0 supports the Media Object Metadata connection with a MOS device as well as the Rundown/Running Order connection. The MOS device can send media object metadata to iNEWS to be stored in a device-specific queue. Each story in the device-specific queue will contain information about a different MOS item; including a production cue that can be copy/pasted into an iNEWS rundown.

The MOS Admin tool can be run locally or remotely to configure the replication options for all devices connected to the MOS Gateway. A text field specifies the queue in the iNEWS database that the media object metadata will be replicated to. The trigger can be set to either schedule replication at a set time every day or to perform replication manually by clicking a button. A check box can be set to clear all stories from the queue in the iNEWS database before performing replication. For detailed information on replication see the *MOS Gateway Installation & Operations Manual v2.0*.

Device	Trigger	Schedule	Clear	Directory
MOSGATE	manual	--:--	True	people.m.mosrep.omnimos
NETIAMOS	manual	--:--	True	people.m.mosrep.netiamos
PILOT	scheduled	4:30:00 PM	True	people.m.mosrep.viz
SONY	manual	--:--	True	people.m.mosrep.sony
PC200	manual	--:--	False	people.m.mosrep.mosemu

Trigger:

Replication Time:

☒ Clear Queue

Path:

Additional Configuration Options

Additional configuration options have been added to the MOS Gateway configuration file. These options will allow MOS Gateway to communicate more efficiently with MOS devices that support these additional commands.

- **handlesRoStoryMoveMultiple** – Setting this option to YES will require less communication between the MOS Gateway and the MOS device to move a block of stories in the rundown. With this option set to NO, the stories will be deleted and reinserted into the rundown on the MOS device one at a time. Check with your MOS device vendor to determine if they support this command.
- **handlesRoItemLevelCommands** – Setting this option to YES will require less communication between the MOS Gateway and the MOS device when changing, inserting, or deleting a MOS item in a story. The YES setting allows the MOS Gateway to manipulate items in a story without requiring the entire story to be deleted and reinserted in the rundown at the MOS device. Setting this to NO will prevent MOS Gateway from using the item level commands. Check with your MOS device vendor to determine if they support the roItemInsert, roItemDelete and roItemReplace commands.
- **sendRoCreateOnStartLoad** – Setting this option to YES will send a blank roCreate to the MOS device then add each story separately. Using this will cause the rundown to take an overall longer time to load the entire show, but will permit the stories at the beginning of the rundown to be loaded quicker than if set to NO. Setting this to NO will cause the show to be loaded in one large roCreate message. This will take an overall shorter time to load the entire show, but no stories will display on the MOS device until the entire show is loaded. If no entry is made for this option it will default to NO.

Fixed Problems

- **MOS Gateway does not accept fractional timebase**
MOS Gateway 1.0 did not accept fractional timebase. This problem has been corrected in MOS Gateway 2.0.
- **MOS Gateway stops responding if a MOS Device is shutdown while a show is loaded**
In previous versions of MOS Gateway, shutting down a MOS Device while a show is loaded, then trying to unload the show from iNEWS would cause the MOS Gateway to wait indefinitely for a response from the MOS Device. This problem has been fixed in the latest build of MOS Gateway. The MOS Gateway will no longer wait for a response from a MOS Device if that MOS Device is not available on the network.
- **MOS Gateway Logger cannot log some extended characters**
In previous versions of MOS Gateway, the MOS Gateway Logger could not log some extended characters in the log file. This problem has been fixed in the latest build of MOS Gateway.

Known Problems & Limitations

iNEWS Workstation

- **iNEWS does not get “Download Complete” message from MOS Gateway**
This is caused by the MOS device not including a roID with its roAck to the Avid MOS Gateway after a show has been loaded. If the roID is not included in the message, the MOS Gateway does not know where to send the “Download Complete” message.
- **It is not possible to copy a MOS item from the Story Form panel and paste it into another story’s body or story form.** This is a limitation of MOS replication.

Workaround: If the MOS information appears in the story body, you can copy the MOS item’s production cue marker—also known as a grommet—and then paste it into another story’s body. If the MOS information appears only in the Story Form panel, the entire story must be copied from the device-specific (replication) queue to the rundown queue, and then edited.

MOS Gateway

- **Sometimes cannot stop router service**
Under certain conditions that we have not yet learned to consistently reproduce, the MOS Gateway Router service cannot be stopped by the Services control panel.
- **Occasionally see ‘ghost’ rundowns on vizrt Content Pilot**
Content Pilot will occasionally have ‘ghost’ rundowns shown even after turning off monitor. The ‘ghost’ rundown cannot be updated or unloaded. This seems to happen infrequently; the steps to reproduce it are not known.

Workaround: Try loading then unloading the show, restarting the MOS Gateway services or rebooting the MOS Gateway machine.

- **AMCP name must match MOS Gateway hostname channel assignments to work**
A device needs its amcp name to be the same as the hostname of the MOS Gateway machine in order to allow channel assignments in system.mos-map.
- **If one device uses channels, all devices are prompted for channels**
All devices on the gateway will be prompted for a channel assignment if any of the devices on the gateway are configured to use channels.
- **Cannot get item duration when using replication**
There is currently no way to display the MOS duration in the MOS items created by the replication process.

Copyright and Disclaimer

© 2003, Avid Technology, Inc. All rights reserved. All Avid products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specifications and price change privileges reserved.

The software described in this document is furnished under a license agreement and is protected under the copyright laws of the United States and other countries.

U.S. GOVERNMENT USERS RESTRICTED RIGHTS: Use, duplication, or disclosure by the U.S. Government is subject to restriction as set forth in subparagraph (b)(2) of the Technical Data and Computer Software-Commercial items clause at DFARS 252.211-7015, or in subparagraph (c)(2) of the Commercial Computer Software-Restricted Rights clause at FAR 52.227-19, as applicable.

Avid is a registered trademark of Avid Technology, Inc. Media Browse, ControlAir, iNEWS ControlAir and iNEWS are trademarks of iNews, LLC. Microsoft, the Microsoft logo, MS, MS-DOS, Win 32, Windows, Windows NT, Windows 2000, Windows NT Server, and the Windows operating system logo are registered trademarks of Microsoft Corporation in the United States of America and other countries. UNIX is a registered trademark of X/Open Company, Ltd. All other trademarks and registered trademarks used herein are the property of their respective owners.

Avid
6400 Enterprise Lane
Madison, Wisconsin 53719 USA
Tel: +1-608-274-8686 Fax: +1-608-273-5876

Avid
Intec 1
Wade Road
Basingstoke Hants RG24 8NE UK
Tel: +44 1256 814300 Fax: +44 1256 814700

Avid
315 Alexandra Road
#03-01 Performance Centre
159944 Singapore
Tel: +65 3789 534 Fax: +65 475 7666

Avid
Tegel Forum
Breitenbachstraße 10
Berlin 13509 GERMANY
Tel: +49 30 5900993 0 Fax: +49 30 5900993 24

MOS Gateway v2.0 Release Notes
Part # 0130-05812-01

September 23, 2003
Printed in the United States of America